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PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No	T-5869
First Inventor	Laura C. Boudreau et al
Title	SEPARATION OF DIENES FROM OLEFINS USING IONIC LIQUIDS
Express Mail Label No.	EV 003648488 US

PTO  
10/03/04  
JC982 U.S.  
12/31/01

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status  
See 37 CFR 1.27.
3.  Specification [Total Pages 43]
- (preferred arrangement set forth below)
- Description of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed Sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
5. Oath or Declaration
- a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63 (d))  
(for a continuation/divisional with Box 18 completed)
- i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b)
6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
- a.  Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATIONS PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. § 3.73(b) Statement  Power of  
(when there is an assignee) Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS  
Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15.  Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122  
(b)(2)(B)(i). Applicant must attach form PTO/SB/35  
or its equivalent.
17.  Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation  Divisional  Continuation-in-part (CIP)

of prior application No \_\_\_\_\_ /

Group / Art Unit \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label or  Correspondence address below  
(Insert Customer No. or Attach bar code label here) ..

Name	Martin C. Fallon ChevronTexaco Corporation Law Department				
Address	P.O. Box 6006				
City	San Ramon	State	CA	Zip Code	94583-0806
Country	Contra Costa	Telephone	(925) 973-4665	Fax	(925) 973-4490

Name (Print/Type)	Martin C. Fallon	Registration No. (Attorney/Agent)	47,554
Signature		Date	December 31, 2001

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT (\$)** 1472

**Complete if Known**

Application Number	
Filing Date	December 31, 2001
First Named Inventor	Laura C. Boudreau et al
Examiner Name	
Group / Art Unit	

Attorney Docket No. T-5869

JC932 U.S.P.T.O.  
10/03/01  
12/31/01

**METHOD OF PAYMENT (check all that apply)**

Check  Credit card  Money  Other  None  
 Deposit Account

Deposit Account Number 03-1620

Deposit Account Name ChevronTexaco Corporation

The Commissioner is authorized to: (check all that apply)  
 Change fee(s) indicated below  Credit any overpayments  
 Change any additional fee(s) during the pendency of this application  
 Change fee(s) indicated below, except for the filing fee to the above-identified deposit account.

**FEE CALCULATION**

**1. BASIC FILING FEE**

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201	370 Utility filing fee	740
106 330	208	165 Design filing fee	
107 510	207	255 Plant filing fee	
108 740	208	370 Reissue filing fee	
114 160	214	80 Provisional filing fee	
<b>SUBTOTAL (1)</b>			<b>(\$ 740)</b>

**2. EXTRA CLAIM FEES**

Total Claims	Extra Claims	Fee from below	Fee Paid
56	-20**	= 36	X 18 = 648
Independent Claims 4	-3**	= 1	X 84 = 84
Multiple Dependent			X 0 = 0

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203	9 Claims in excess of 20	
102 64	202	42 Independent claims in excess of 3	
104 280	204	140 Multiple dependent claim, if not paid	
109 84	209	42 ** Reissue independent claims over original patent	
110 18	210	9 ** Reissue claims in excess of 20 and over original patent	
<b>SUBTOTAL (2)</b>			<b>(\$ 732)</b>

\*\* or number previously paid, if greater. For Reissues, see above

**FEE CALCULATION (continued)**

3. ADDITIONAL FEES	Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205	65 Surcharge - late filing fee or oath		
127 50	227	25 Surcharge - late provisional filing fee or cover sheet		
139 130	139	130 Non-English specification		
147 2,520	147	2,520 For filing a request for reexamination		
112 920*	112	920* Requesting publication of SIR prior to Examiner action		
113 1,840*	113	1,840* Requesting publication of SIR after Examiner action		
115 110	215	55 Extension for reply within first month		
116 400	216	200 Extension for reply within second month		
117 920	217	460 Extension for reply within third month		
118 1,440	218	720 Extension for reply within fourth month		
128 1,960	228	980 Extension for reply within fifth month		
119 320	219	160 Notice of Appeal		
120 320	220	160 Filing a brief in support of an appeal		
121 280	221	140 Request for oral hearing		
138 1,510	138	1,510 Petition to institute a public use proceeding		
140 110	240	55 Petition to revive – unavoidable		
141 1,280	241	640 Petition to revive – unintentional		
142 1,280	242	640 Utility issue fee (or reissue)		
143 460	243	230 Design issue fee		
144 620	244	310 Plant issue fee		
122 130	122	130 Petitions to the Commissioner		
123 50	123	50 Processing fee under 37 CFR 1.17 (q)		
126 180	126	180 Submission of Information Disclosure Stmt		
581 40	581	40 Recording each patent assignment per property (times number of properties)		
146 740	246	370 Filing a submission after final rejection (37 CFR § 1.129(e))		
149 740	249	370 For each additional invention to be examined (37 CFR § 1.129(b))		
179 740	279	370 Request for Continued Examination (RCE)		
169 900	169	900 Request for expedited examination of a design application		

Other fee (specify)

\*Reduced by Basic Filing Fee Paid **SUBTOTAL (3)** **(\$ 0)**

**SUBMITTED BY**

**Complete (if applicable)**

Name (Print/Type)	MARTIN C. FALLON	Registration No	Attorney/Agent	47,554	Telephone	(925) 937-4665
Signature						
Date	December 31, 2001					

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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